

CLAIMS

WE CLAIM:

1. A computerized method for use in an asynchronous messaging environment, wherein said messaging environment comprises at least one original message comprised of original message data, comprising the steps of:

- collecting at least part of said original message data into a central message repository; and,
- reviewing data collected in said central message repository.

2. The method of claim 1 wherein the step of collecting at least part of said original message data in a central message repository further comprises the step of using a monitoring message to collect data in a central message repository.

3. The method of claim 2 wherein the step of using a monitoring message to collect data in a central message repository further comprises the step of generating one monitoring message for each original message.

4. The method of claim 2 wherein the step of using a monitoring message to collect data in a central message repository further comprises the step of generating more than one monitoring message for each original message.

5. A computerized method for use in an asynchronous messaging environment, wherein said messaging environment comprises at least one original message comprised of original message data, comprising the steps of:

- copying at least part of said original message data into a central message repository; and,

- reviewing data collected in said central message repository.

6. The method of claim 5 wherein the step of copying at least part of said original message data in a central message repository further comprises the step of using a monitoring message to copy said data into a central message repository.
7. The method of claim 6 wherein the step of using a monitoring message to copy said data into a central message repository further comprises the step of generating one monitoring message for each original message.
8. The method of claim 7 wherein the step of using a monitoring message to copy said data into a central message repository further comprises the step of generating more than one monitoring message for each original message.
9. The method of claim 8 wherein the step of copying data into a central message repository further comprises the step of populating a transaction record in said central message repository.
10. The method of claim 9 wherein the step of populating said transaction record contained in said central message repository further comprises using more than one monitoring message to populate the same transaction record.
11. The method of claim 10 wherein the step of reviewing data collected in said central message repository further comprises reviewing said transaction records populated by said data.
12. The method of claim 11 wherein the step of reviewing data collected in said central

message repository further comprises broadcasting said data.

13. The method of claim 12 wherein the step of reviewing data collected in said central message repository further comprises reporting said data.

14. A central message repository created by the method of claim 1.

15. A transaction record created by the method of claim 7.

16. An apparatus for use in an asynchronous messaging environment, wherein said messaging environment comprises at least one original message comprised of original message data, comprising:

- means for collecting data in a central message repository; and,
- means for reviewing data collected in said central message repository.

17. An apparatus as in claim 16 further comprising means for generating a monitoring message wherein said monitoring message collects data in a central message repository.

18. An apparatus as in claim 17 further comprising means for generating one monitoring message for each original message.

19. An apparatus as in claim 17 further comprising means for generating more than one monitoring message for each original message.

20. An apparatus for use in an asynchronous messaging environment, wherein said messaging environment comprises at least one original message comprised of original message data, comprising:

- means for copying at least part of said original message data into a central message repository; and,
- means for reviewing data collected in said central message repository.

21. An apparatus as in claim 20 further comprising means for generating a monitoring message wherein said monitoring message collects data in a central message repository.

22. An apparatus as in claim 21 further comprising means for generating one monitoring message for each original message.

23. An apparatus as in claim 21 further comprising means for generating more than one monitoring message for each original message.

24. An apparatus as in claim 20 further comprising means for broadcasting said data.

25. An apparatus as in claim 20 further comprising means for reporting said data.

26. An apparatus as in claim 20 further comprising means for populating a transaction record contained in said central message repository.

27. An apparatus as in claim 26 further comprising means for reviewing said transaction records populated by said data.

28. A computerized method for simulating processes in asynchronous messaging environment, comprising the steps of:

- providing at least one predetermined sub-process;
- assembling a process from said predetermined sub-process; and,
- simulating message flow through said process.

29. The method of claim 28 wherein the step of providing at least one predetermined sub-process further comprises providing a predetermined toolkit of said predetermined sub-processes.

30. The method of claim 28 wherein the step of providing at least one predetermined sub-process further comprises providing at least one industry specific sub-process.

31. The method of claim 28 wherein the step of providing at least one predetermined sub-process further comprises providing means for creating additional sub-processes.

32. The method of claim 31 wherein the step of providing means for creating additional sub-processes further comprises providing means for adding said additional sub-processes to said toolkit.

33. The method of claim 28 wherein the step of simulating message flow through said process further comprises providing a time indicator for said sub-process.

34. The method of claim 28 wherein the step of simulating message flow through said process further comprises providing a means for varying latency of said sub-process.

35. An apparatus for simulating processes in an asynchronous messaging environment, comprising the steps of:

- means for providing at least one predetermined sub-process;
- means for assembling a process from said predetermined sub-process; and,
- means for simulating message flow through said process.

36. An apparatus as in claim 35 further comprising means for providing a predetermined toolkit of said predetermined sub-processes.

37. An apparatus as in claim 35 further comprising means for providing at least one industry specific sub-process.

38. An apparatus as in claim 35 further comprising means for creating additional sub-processes.

39. An apparatus as in claim 38 further comprising means for adding said additional sub-processes to said toolkit.

40. An apparatus as in claim 35 further comprising a time indicator means for said sub-process.

41. An apparatus as in claim 35 further comprising means for varying latency of said sub-process.

42. A computerized method for simulating processes in an asynchronous messaging environment, comprising:

- establishing at least one sub-process which is comprised of at least one activity;
and,
- establishing a process which is comprised of at least one sub-process.